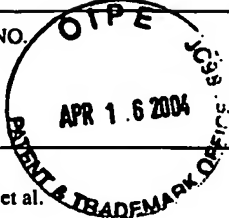




Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 117776		APPLICATION NO. 10/712,378	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				<div style="text-align: center;">  </div>			
				APPLICANTS Hirohiko ATOBE et al.			
				FILING DATE November 14, 2003		GROUP 3712	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	

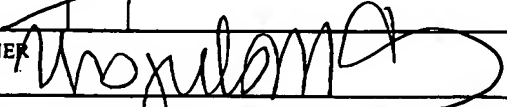
  

FOREIGN PATENT DOCUMENTS						
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS		
1. JP U 61-39597	3/12/1986	JAPAN				
2. JP U 59-124909	8/22/1984	JAPAN				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						

EXAMINER 	DATE CONSIDERED 7/30/04
--	----------------------------

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: April 16, 2004